

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
 Data File : VN072065.D
 Acq On : 19 Apr 2022 21:27
 Operator : JC\MD
 Sample : N2452-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-15-1-5-GR

Quant Time: Apr 20 01:30:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

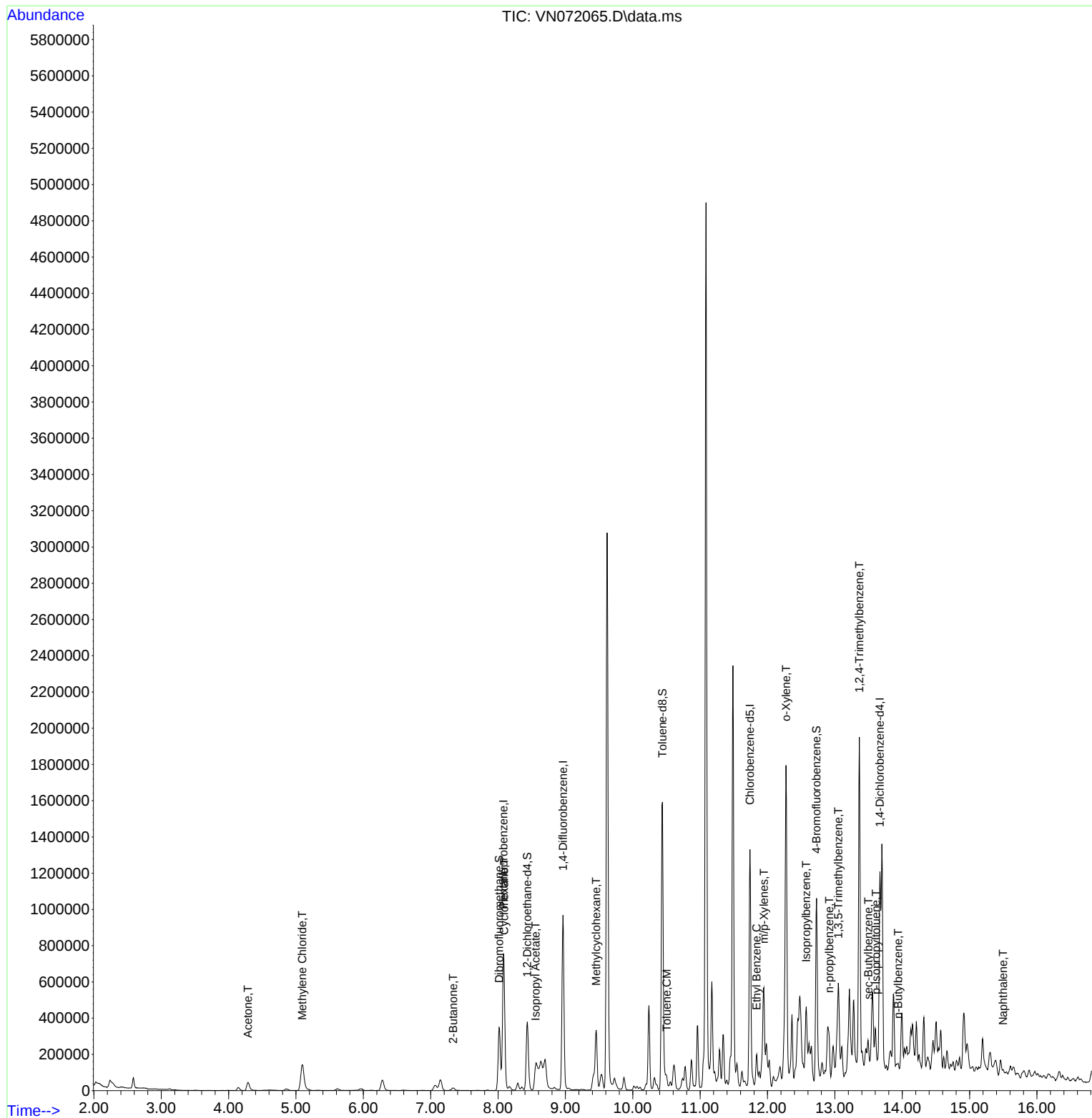
Internal Standards						
1) Pentafluorobenzene	8.081	168	546232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	890337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	803486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	329472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	309988	49.710	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.420%		
35) Dibromofluoromethane	8.016	113	261405	49.895	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.780%		
50) Toluene-d8	10.439	98	1057079	49.322	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.640%		
62) 4-Bromofluorobenzene	12.727	95	345329	49.821	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.640%		
Target Compounds					Qvalue	
16) Acetone	4.287	43	83252	31.239	ug/l	93
20) Methylene Chloride	5.093	84	127017	22.612	ug/l	94
25) 2-Butanone	7.334	43	22788	5.931	ug/l	92
31) Cyclohexane	8.092	56	75436	8.895	ug/l #	93
39) Methylcyclohexane	9.457	83	152178	17.474	ug/l	98
43) Isopropyl Acetate	8.557	43	114658	8.608	ug/l #	75
52) Toluene	10.504	92	30247	2.070	ug/l	100
67) Ethyl Benzene	11.839	91	97987	3.598	ug/l	96
68) m/p-Xylenes	11.945	106	166823	15.941	ug/l	100
69) o-Xylene	12.274	106	498351	47.979	ug/l	99
73) Isopropylbenzene	12.574	105	231310	8.331	ug/l	99
78) n-propylbenzene	12.916	91	159698	5.468	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	99787	4.536	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	1067098	49.718	ug/l	99
85) sec-Butylbenzene	13.498	105	53825	2.065	ug/l #	76
86) p-Isopropyltoluene	13.610	119	37434	1.801	ug/l	98
89) n-Butylbenzene	13.939	91	23714	1.538	ug/l #	80
95) Naphthalene	15.498	128	28262	5.543	ug/l #	96

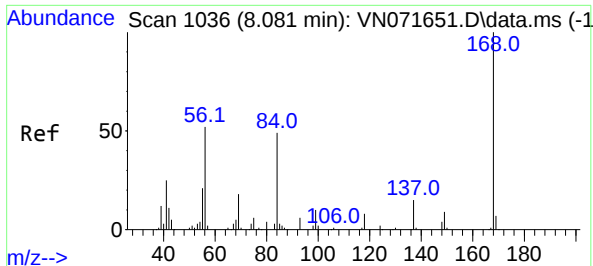
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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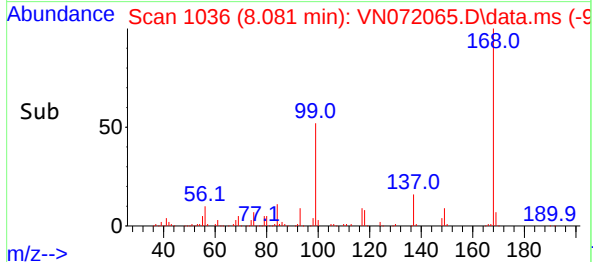
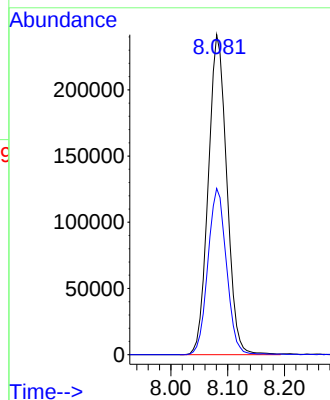
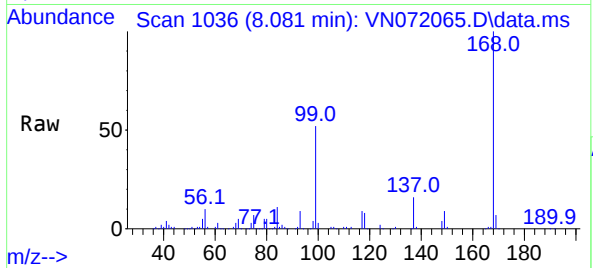




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

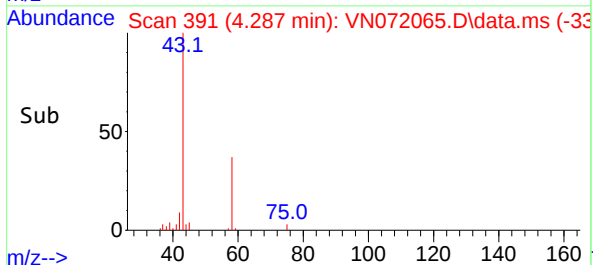
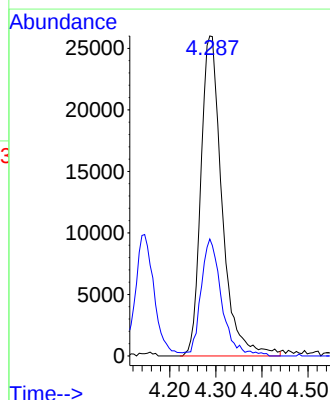
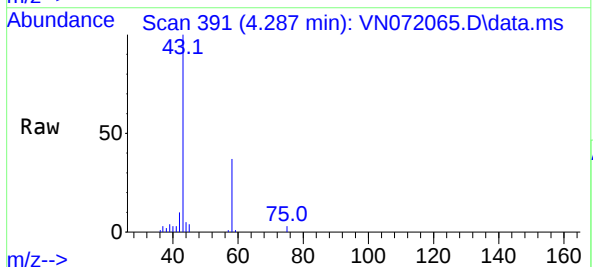
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

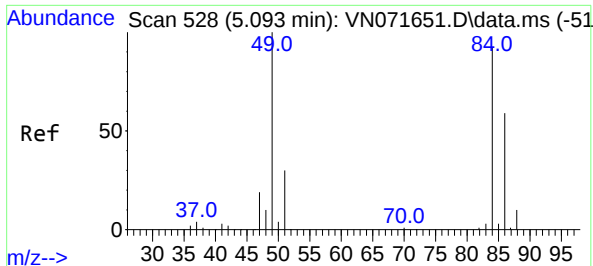
Tgt Ion:168 Resp: 546232
Ion Ratio Lower Upper
168 100
99 52.0 42.3 63.5



#16
Acetone
Concen: 31.239 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

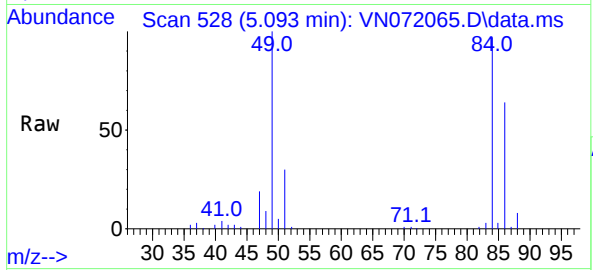
Tgt Ion: 43 Resp: 83252
Ion Ratio Lower Upper
43 100
58 36.5 26.0 39.0



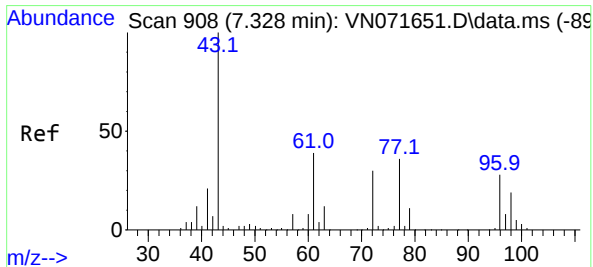
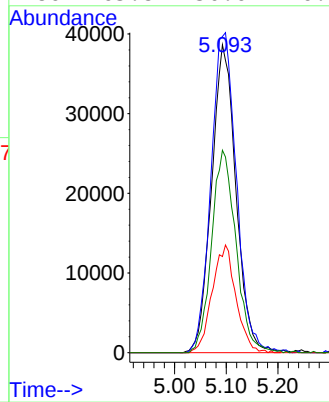
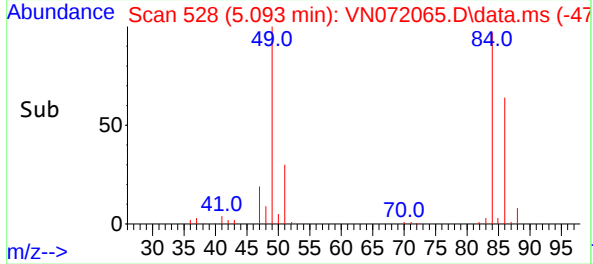


#20
Methylene Chloride
Concen: 22.612 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

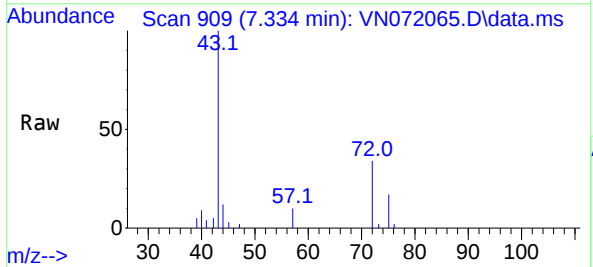
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR



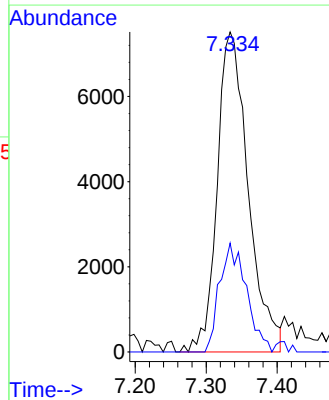
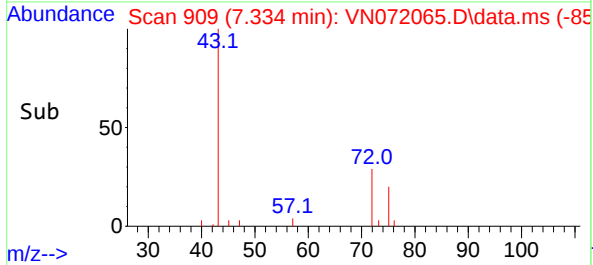
Tgt Ion: 84 Resp: 127017
Ion Ratio Lower Upper
84 100
49 102.7 88.3 132.5
51 31.2 28.2 42.2
86 65.8 50.6 76.0

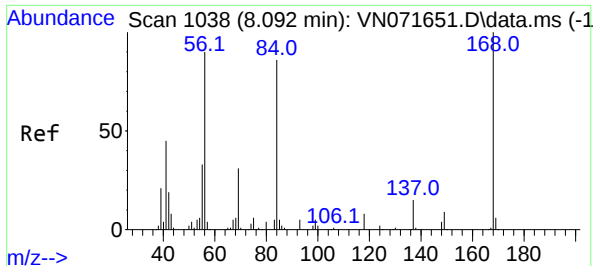


#25
2-Butanone
Concen: 5.931 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27



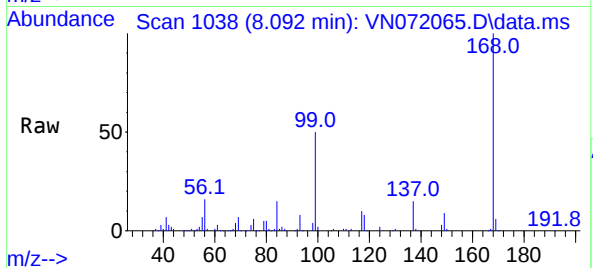
Tgt Ion: 43 Resp: 22788
Ion Ratio Lower Upper
43 100
72 34.0 23.7 35.5



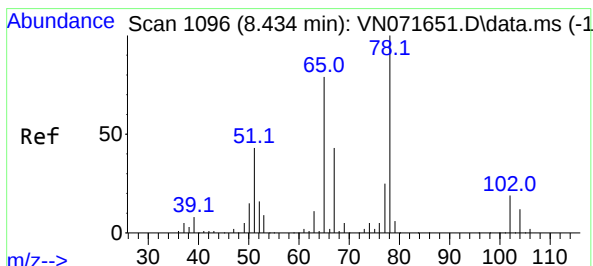
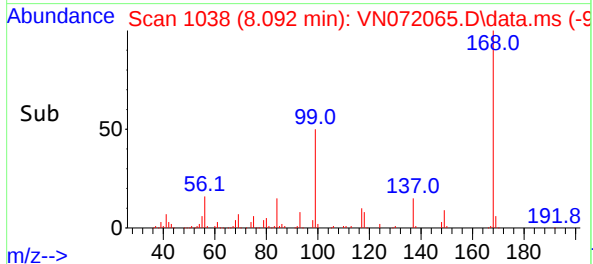
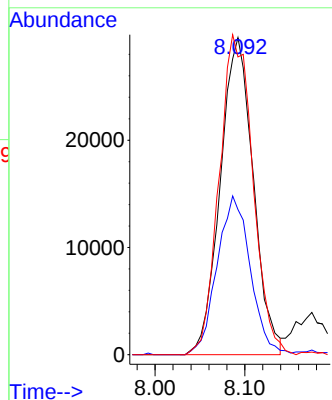


#31
Cyclohexane
Concen: 8.895 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

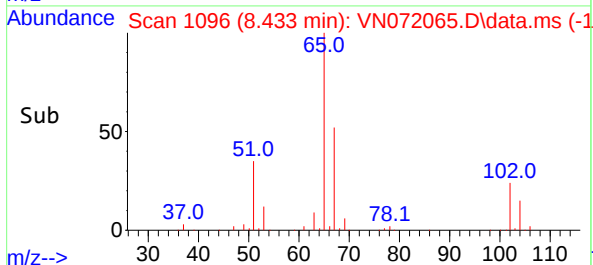
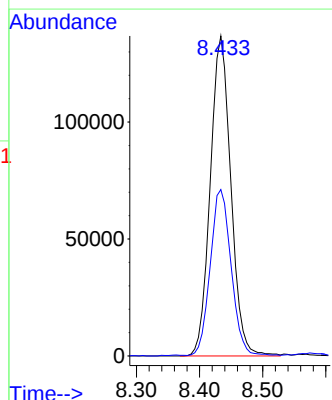
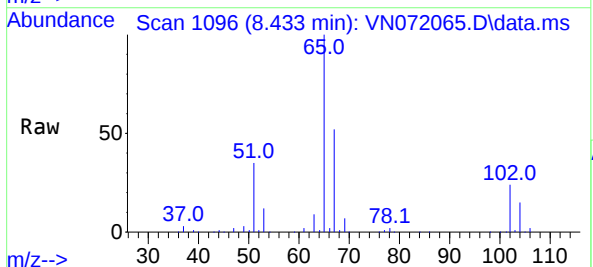


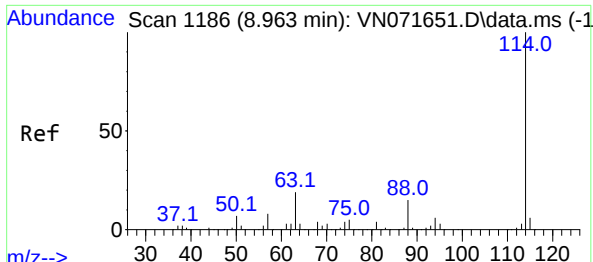
Tgt Ion: 56 Resp: 75436
Ion Ratio Lower Upper
56 100
69 45.8 27.8 41.8#
84 93.9 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 49.710 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

Tgt Ion: 65 Resp: 309988
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8



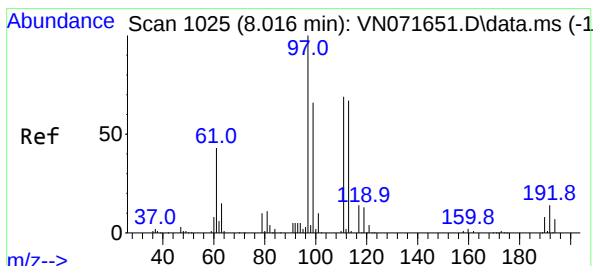
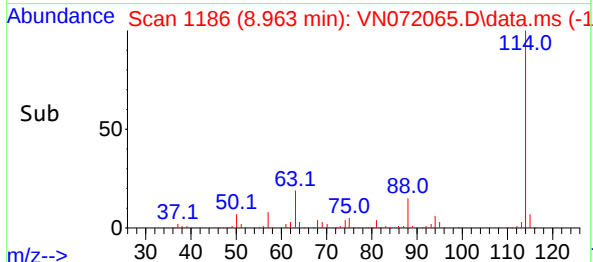
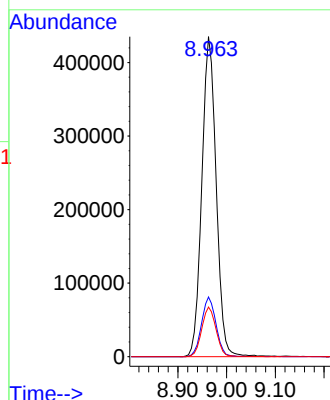
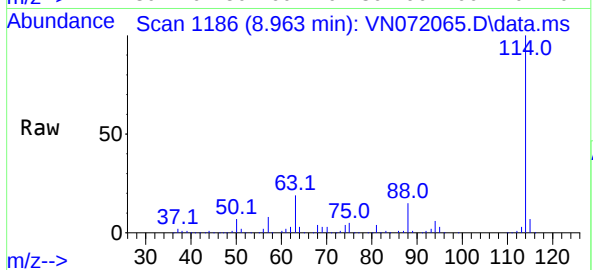


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

Tgt Ion:114 Resp: 890337

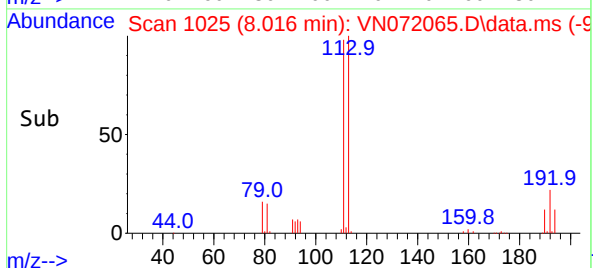
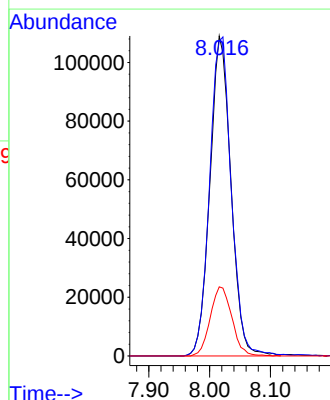
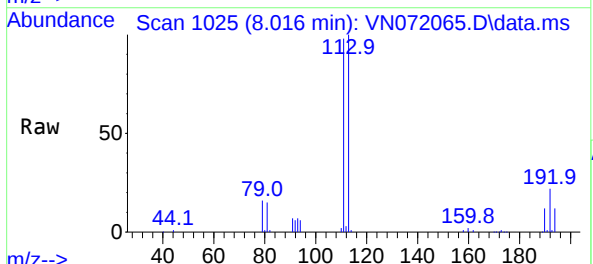
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	40.0
88	15.5	0.0	32.6

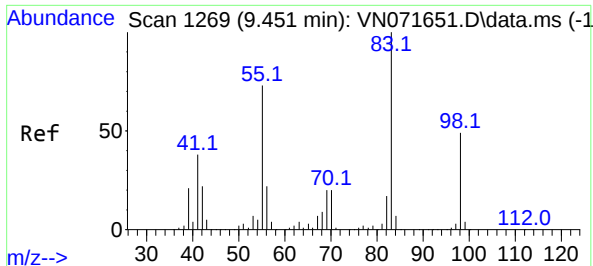


#35
Dibromofluoromethane
Concen: 49.895 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

Tgt Ion:113 Resp: 261405

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.4	122.0
192	22.2	17.0	25.6

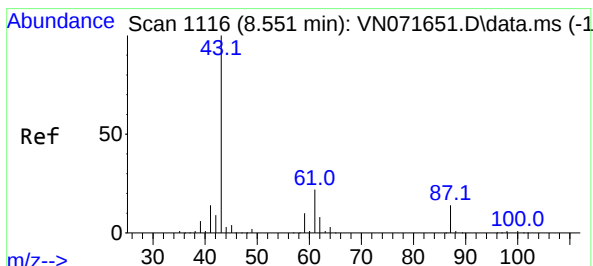
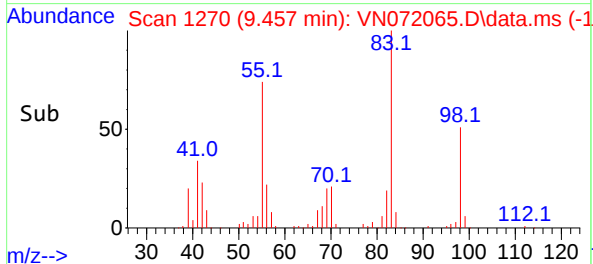
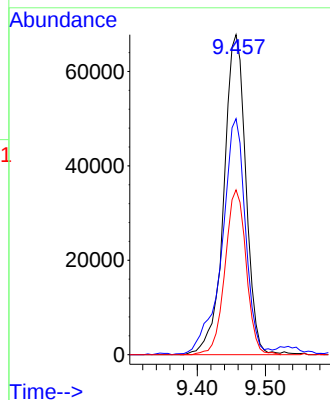
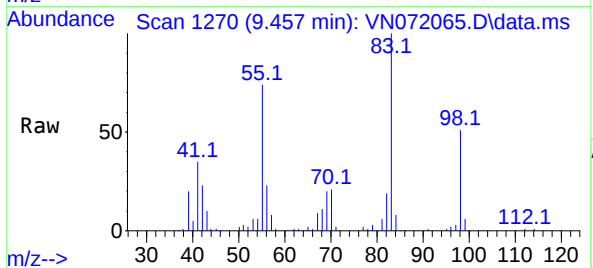




#39
Methylcyclohexane
Concen: 17.474 ug/l
RT: 9.457 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

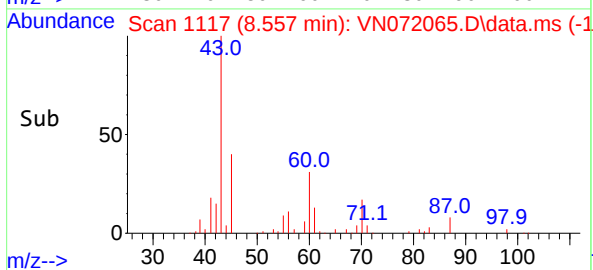
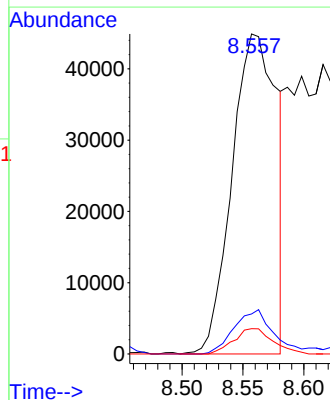
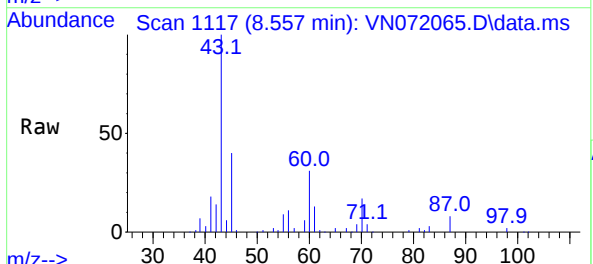
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

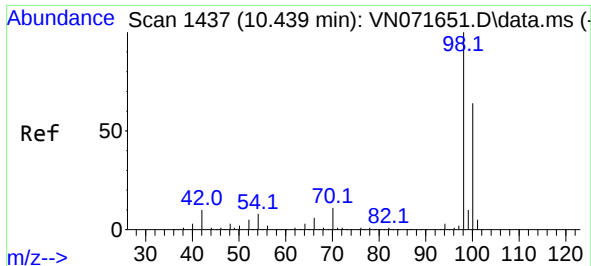
Tgt Ion: 83 Resp: 152178
Ion Ratio Lower Upper
83 100
55 73.5 57.8 86.8
98 51.5 39.4 59.2



#43
Isopropyl Acetate
Concen: 8.608 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

Tgt Ion: 43 Resp: 114658
Ion Ratio Lower Upper
43 100
61 12.8 21.9 32.9#
87 6.9 12.0 18.0#

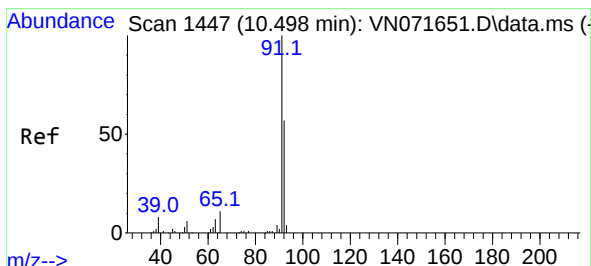
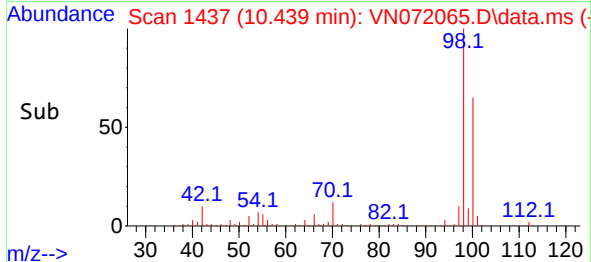
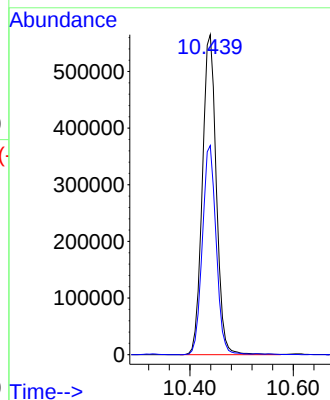
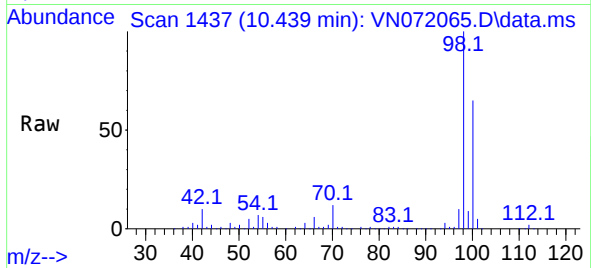




#50
Toluene-d8
Concen: 49.322 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

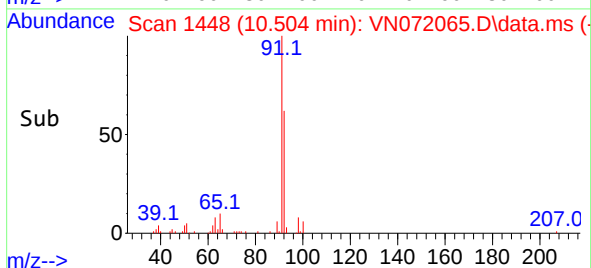
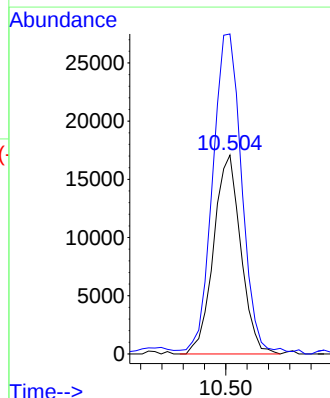
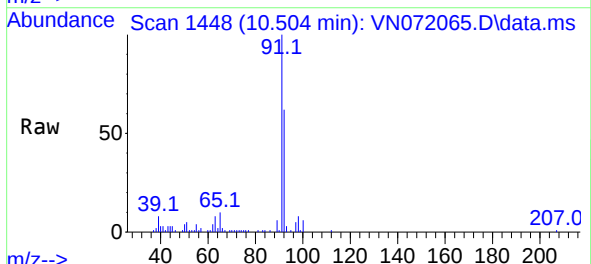
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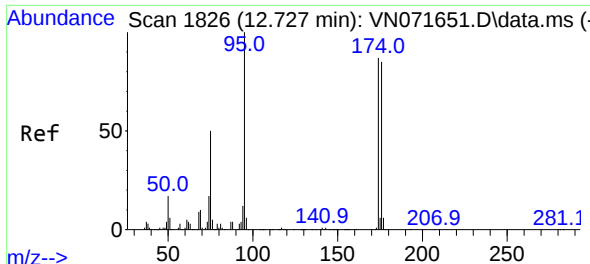
Tgt Ion: 98 Resp: 1057079
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#52
Toluene
Concen: 2.070 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

Tgt Ion: 92 Resp: 30247
Ion Ratio Lower Upper
92 100
91 173.3 138.6 207.8

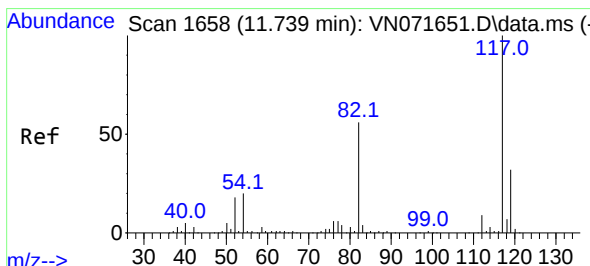
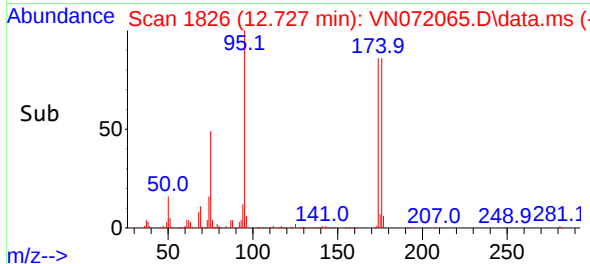
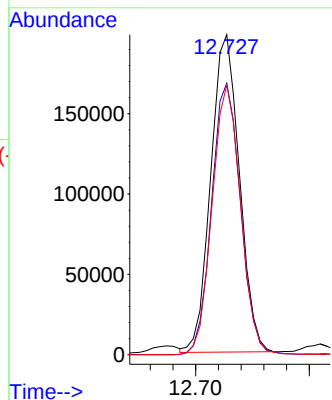
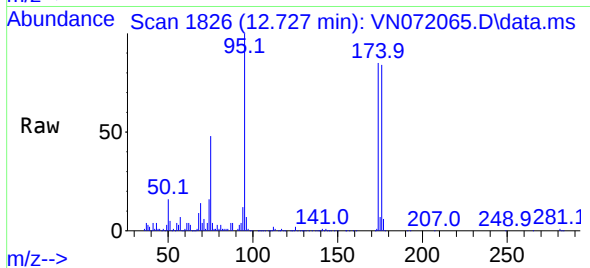




#62
4-Bromofluorobenzene
Concen: 49.821 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

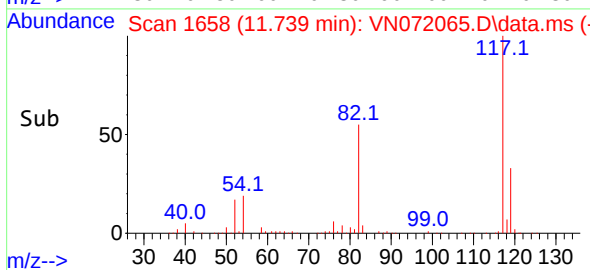
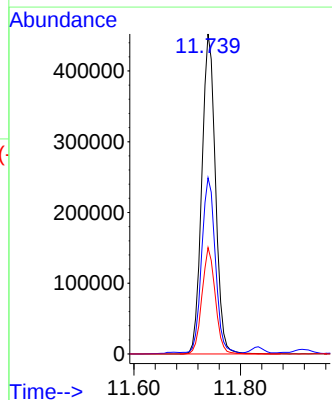
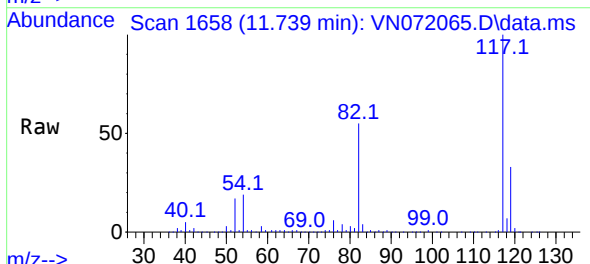
Instrument :
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WC-15-1-5-GR

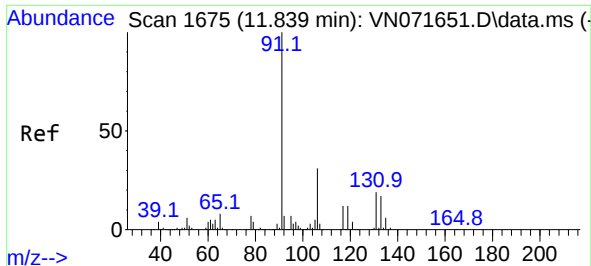
Tgt Ion: 95 Resp: 345329
Ion Ratio Lower Upper
95 100
174 86.4 0.0 167.6
176 84.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

Tgt Ion: 117 Resp: 803486
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 33.2 25.4 38.0

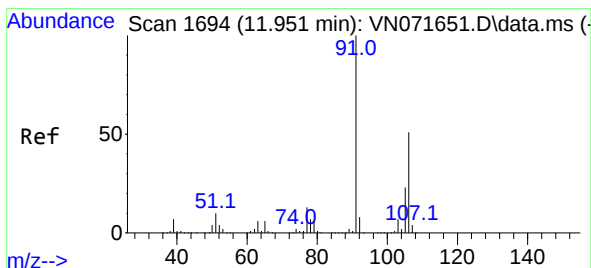
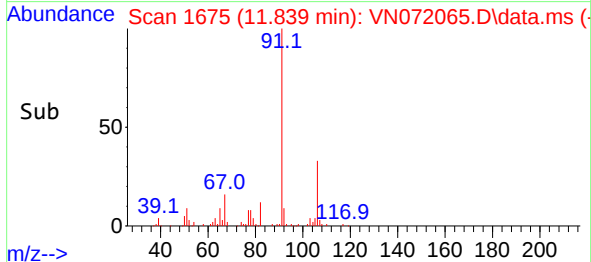
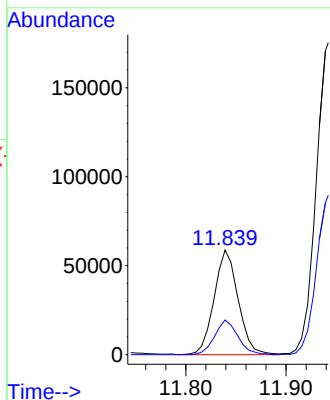
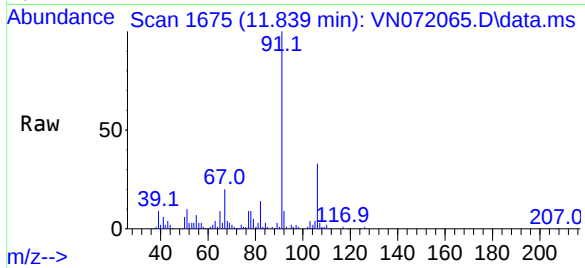




#67
Ethyl Benzene
Concen: 3.598 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

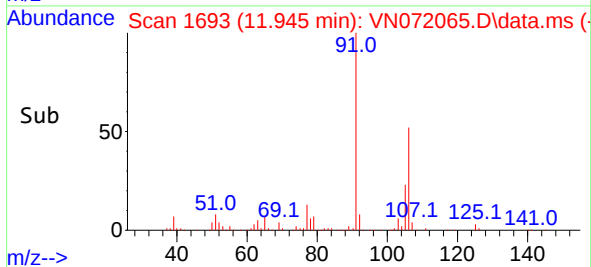
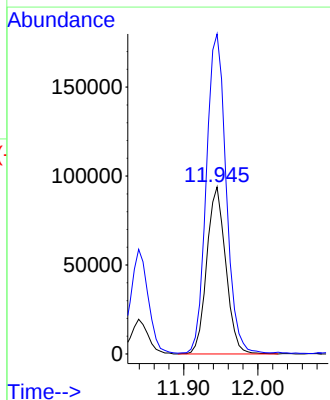
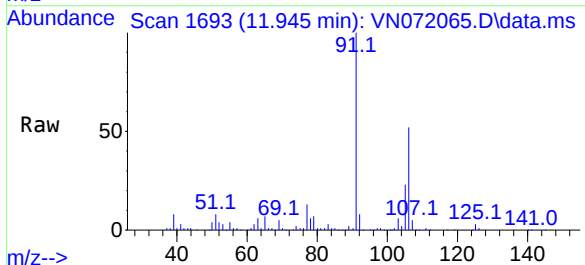
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

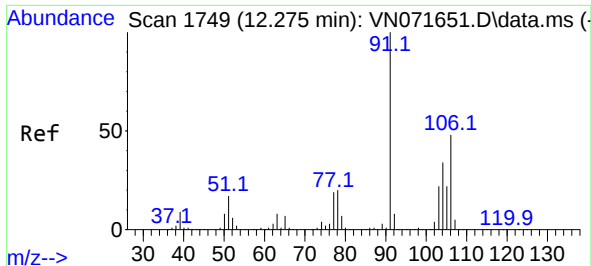
Tgt Ion: 91 Resp: 97987
Ion Ratio Lower Upper
91 100
106 33.2 24.9 37.3



#68
m/p-Xylenes
Concen: 15.941 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

Tgt Ion: 106 Resp: 166823
Ion Ratio Lower Upper
106 100
91 198.9 158.9 238.3

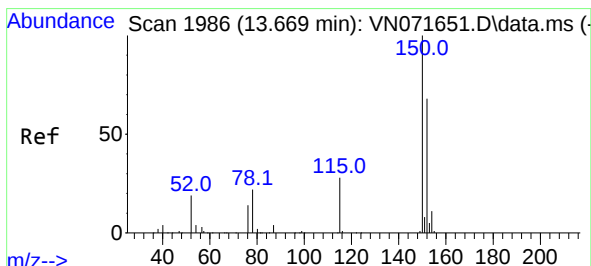
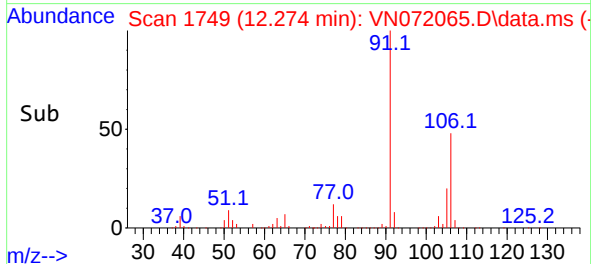
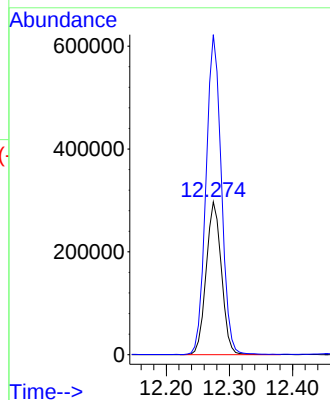
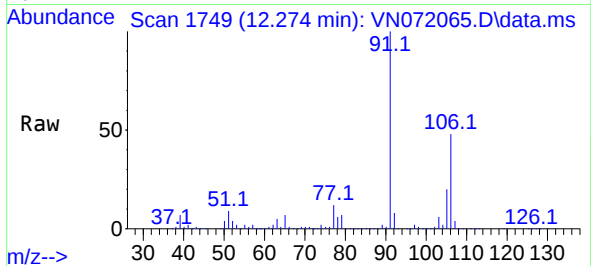




#69
o-Xylene
Concen: 47.979 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

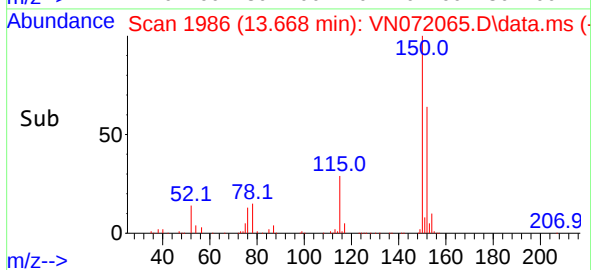
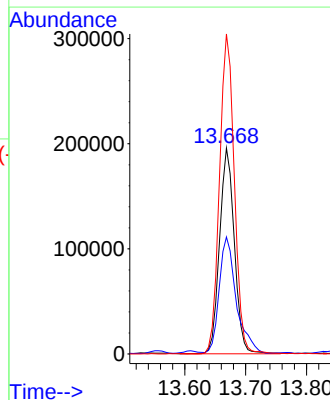
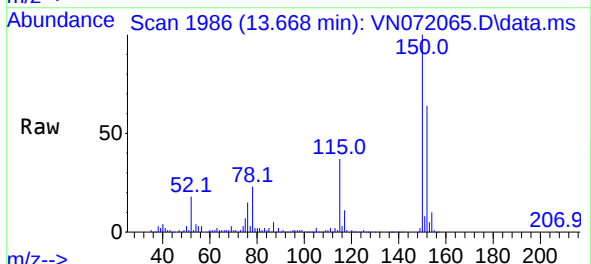
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

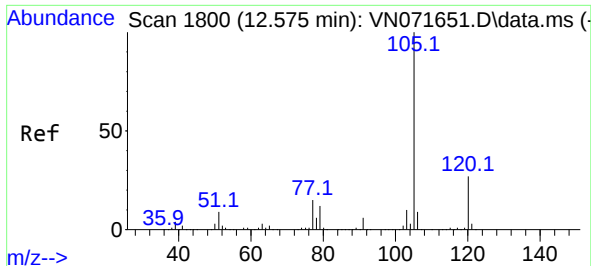
Tgt Ion:106 Resp: 498351
Ion Ratio Lower Upper
106 100
91 210.4 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

Tgt Ion:152 Resp: 329472
Ion Ratio Lower Upper
152 100
115 65.2 28.9 86.7
150 156.7 0.0 356.2

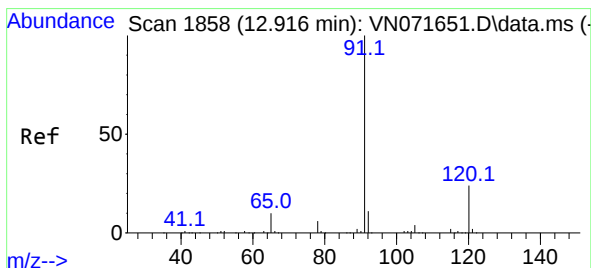
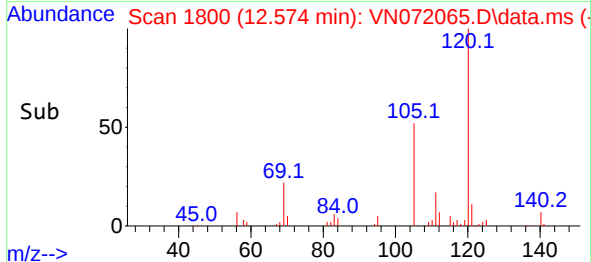
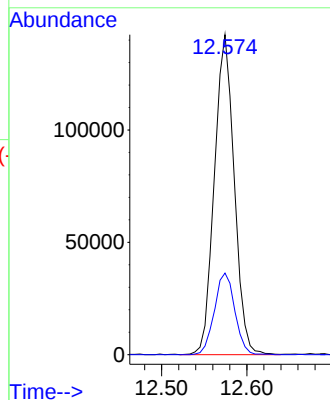
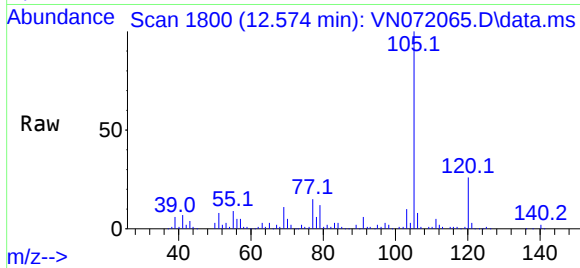




#73
Isopropylbenzene
Concen: 8.331 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

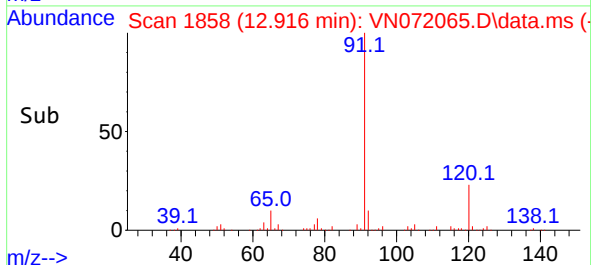
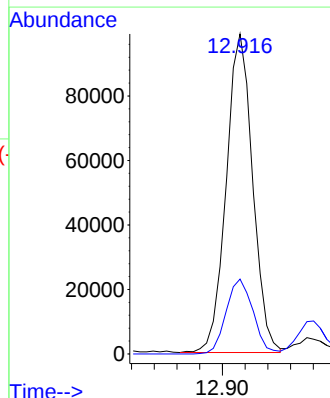
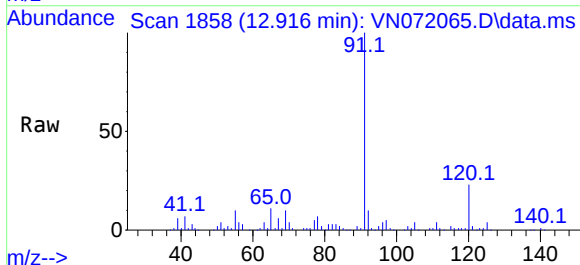
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

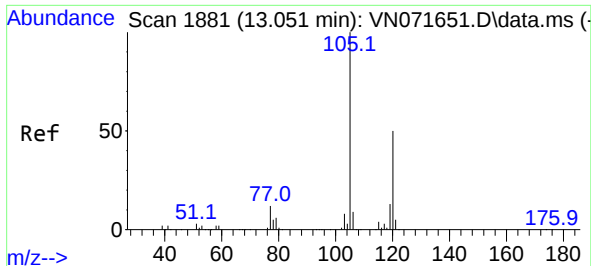
Tgt Ion:105 Resp: 231310
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.4



#78
n-propylbenzene
Concen: 5.468 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

Tgt Ion: 91 Resp: 159698
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5

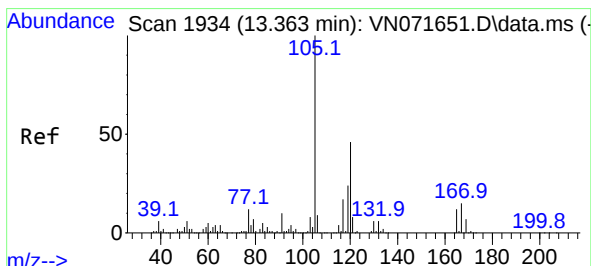
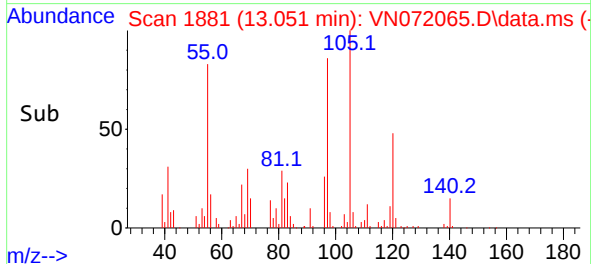
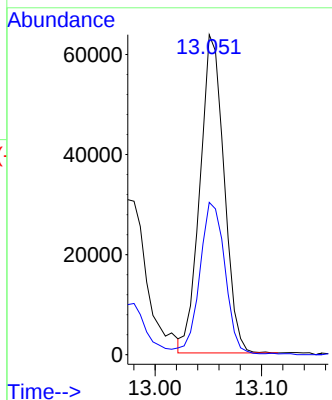
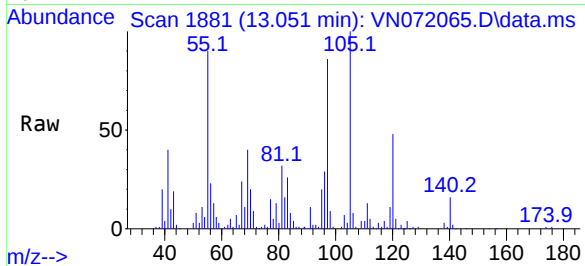




#80
1,3,5-Trimethylbenzene
Concen: 4.536 ug/l
RT: 13.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

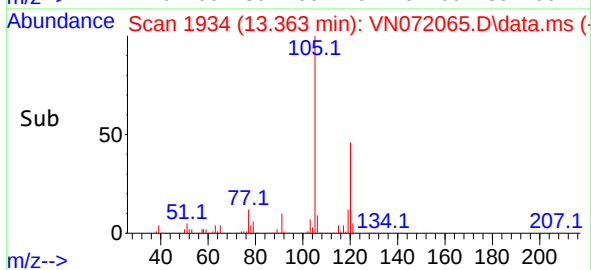
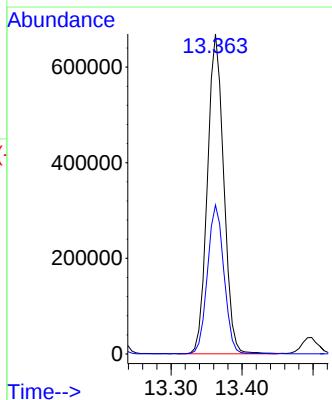
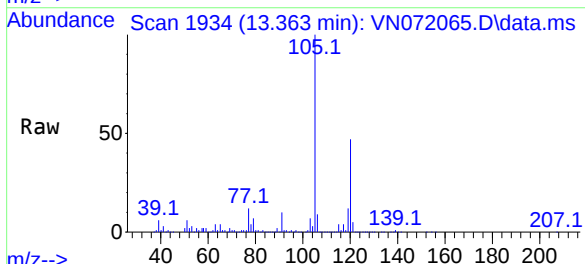
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

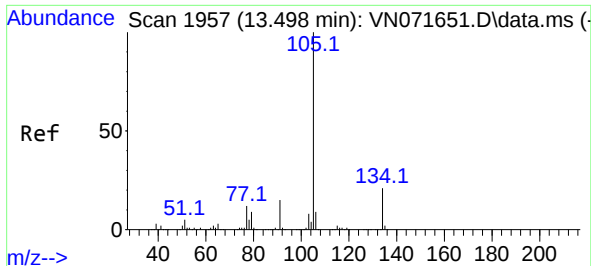
Tgt Ion:105 Resp: 99787
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 49.718 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

Tgt Ion:105 Resp: 1067098
Ion Ratio Lower Upper
105 100
120 47.1 23.3 69.8

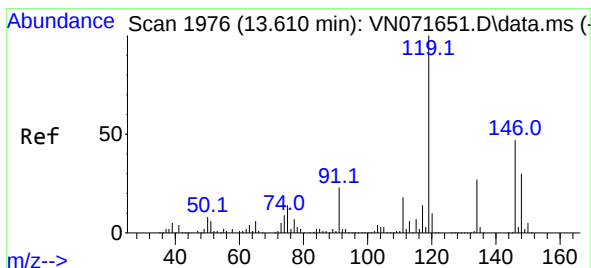
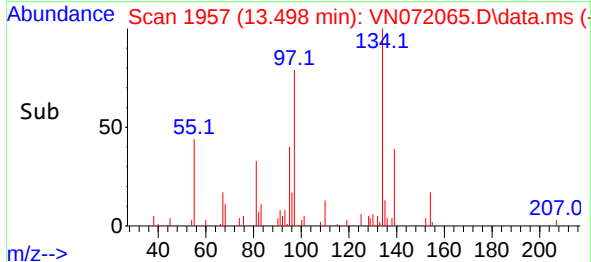
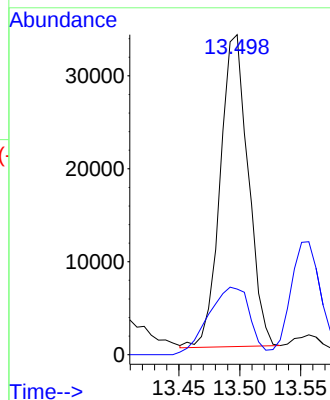
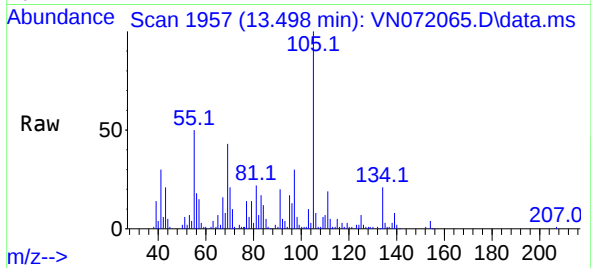




#85
 sec-Butylbenzene
 Concen: 2.065 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072065.D
 Acq: 19 Apr 2022 21:27

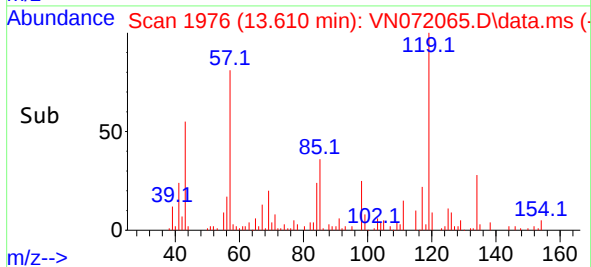
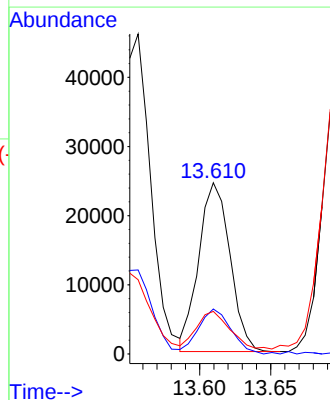
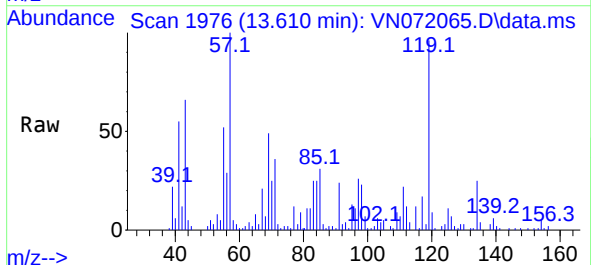
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-15-1-5-GR

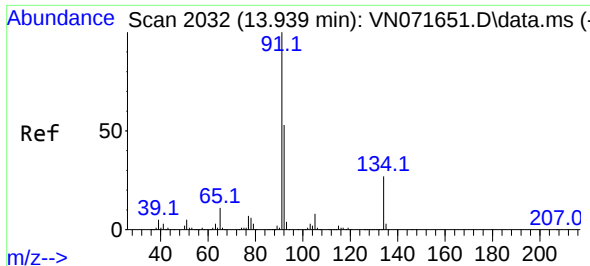
Tgt Ion:105 Resp: 53825
 Ion Ratio Lower Upper
 105 100
 134 31.7 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 1.801 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072065.D
 Acq: 19 Apr 2022 21:27

Tgt Ion:119 Resp: 37434
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.3 39.8
 91 23.3 11.3 33.9

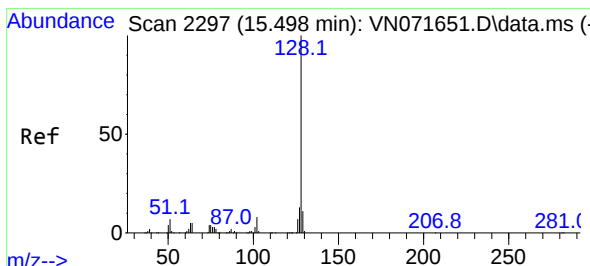
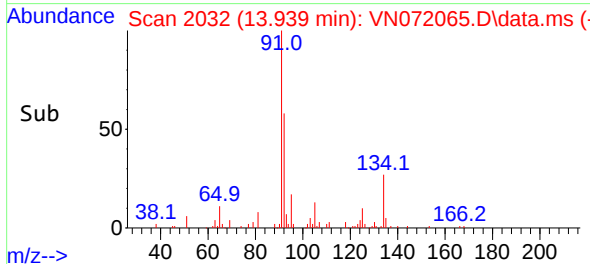
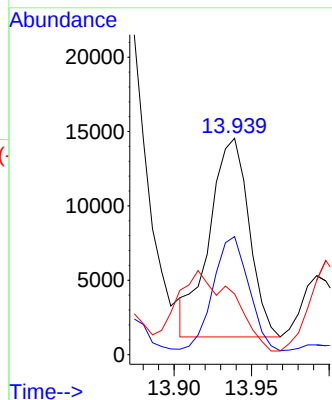
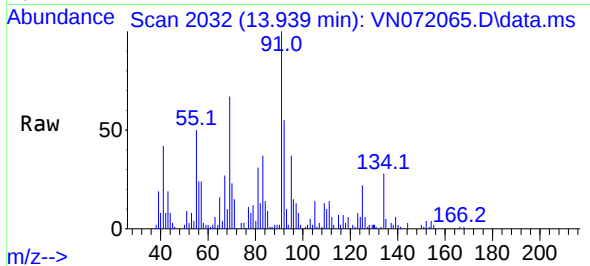




#89
n-Butylbenzene
Concen: 1.538 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

Tgt Ion: 91 Resp: 23714
Ion Ratio Lower Upper
91 100
92 51.7 26.9 80.7
134 0.0 13.6 40.8#



#95
Naphthalene
Concen: 5.543 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072065.D
Acq: 19 Apr 2022 21:27

Tgt Ion: 128 Resp: 28262
Ion Ratio Lower Upper
128 100
127 15.7 10.3 15.5#
129 10.2 8.6 13.0

